

# Health Benefits of Changing to a Just, Distributed Energy System

- Current system contributes to environmental injustice
  - ▣ Aging plants operate at peak, when ambient air quality is often at its worst
  - ▣ Further reductions at aging OTC depend on adding capacity to address local capacity
- Distributed Energy System would reduce pollution impacts, better address climate changes, build community power



# Vernon Power Plant -- 943 MW

## Applied to CEC June 2006

### Air Emissions



Particulate Matter: 294,133 lb/yr  
Nitrogen Oxides: 432,200 lb/yr  
Sulfur Dioxide: 32,431 lb/yr  
VOCs: 119,864 lb/yr  
Carbon Monoxide: 454,431 lb/yr  
Other, inc. Ammonia: 430,000 lb/yr

SCAQMD estimated up to 11  
additional adult deaths annually  
as a result of VPP emissions  
(primarily from PM impacts.)



# CALIFORNIA SOLAR – NOW

